

DISPOSABLE NON-INVASIVE BLOOD PRESSURE SENSOR**ABSTRACT OF THE DISCLOSURE**

A sensor interface assembly is used with a blood pressure measurement device to determine blood pressure of an underlying artery. The sensor interface assembly includes a base unit, a sensing unit and means for detachably connecting the sensing unit to the base unit. The base unit is pivotally attached to the blood pressure measurement device. The sensing unit includes sensing means for sensing blood pressure of each pulse as each pulse travels beneath the sensing means. The means for detachably connecting mechanically and electrically couple the sensing unit to the base unit.